



# Preliminary Information

## PIP5503 Diagnostic Tips for Engine Vibration

### Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	CTS-V	2016 - 2017	All	All	6.2L LT4	All
Cadillac	Escalade	2015 - 2017	All	All	6.2L L86	All
Chevrolet	Camaro	2016 - 2017	All	All	6.2L LT1, LT4	All
Chevrolet	Silverado	2014 - 2017	All	All	4.3L LV3 5.3L L83 6.2L L86	All
Chevrolet	Suburban	2015 - 2017	All	All	5.3L L83	All
Chevrolet	Tahoe	2015 - 2017	All	All	5.3L L83	All
GMC	Sierra	2014 - 2017	All	All	4.3L LV3 5.3L L83 6.2L L86	All
GMC	Yukon	2015 - 2017	All	All	5.3L L83 6.2L L86	All
Involved Region or Country	North America					
Additional Options (RPO)	N/A					
Condition	Customer may have a concern with an engine vibration, this vibration may occur when vehicle is stationary or accelerating from a stop.  It may be found that engine oil was recently changed.					
Cause	Engine oil overfilled.					

### Correction:

If the above concern is encountered, it is recommended to check the engine oil level (refer to vehicle owner's manual for details on correctly checking engine oil level).

A vibration caused by a crankcase overfilled with engine oil will typically display Engine 1 (E1) as the dominant vibration when monitored with the PICO Scope.

If the engine oil level is confirmed to be overfull, verify if the crankcase was overfilled with engine oil or is contaminated by an outside substance such as fuel or coolant.

If the engine was overfilled with only engine oil, adjust the oil level and re-evaluate the concern (possibly the result of not correctly filling the engine oil during an oil change or maintenance service).

If the engine oil level was overfull as a result of contamination, determine the source of the contamination and repair as needed.

### Version History

Version	1
Modified	

